

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
 Data File : BP015789.D
 Acq On : 28 Jun 2023 21:12
 Operator : MA/JU
 Sample : 03142-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFS9

Quant Time: Jun 29 02:32:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 29 02:30:23 2023
 Response via : Initial Calibration

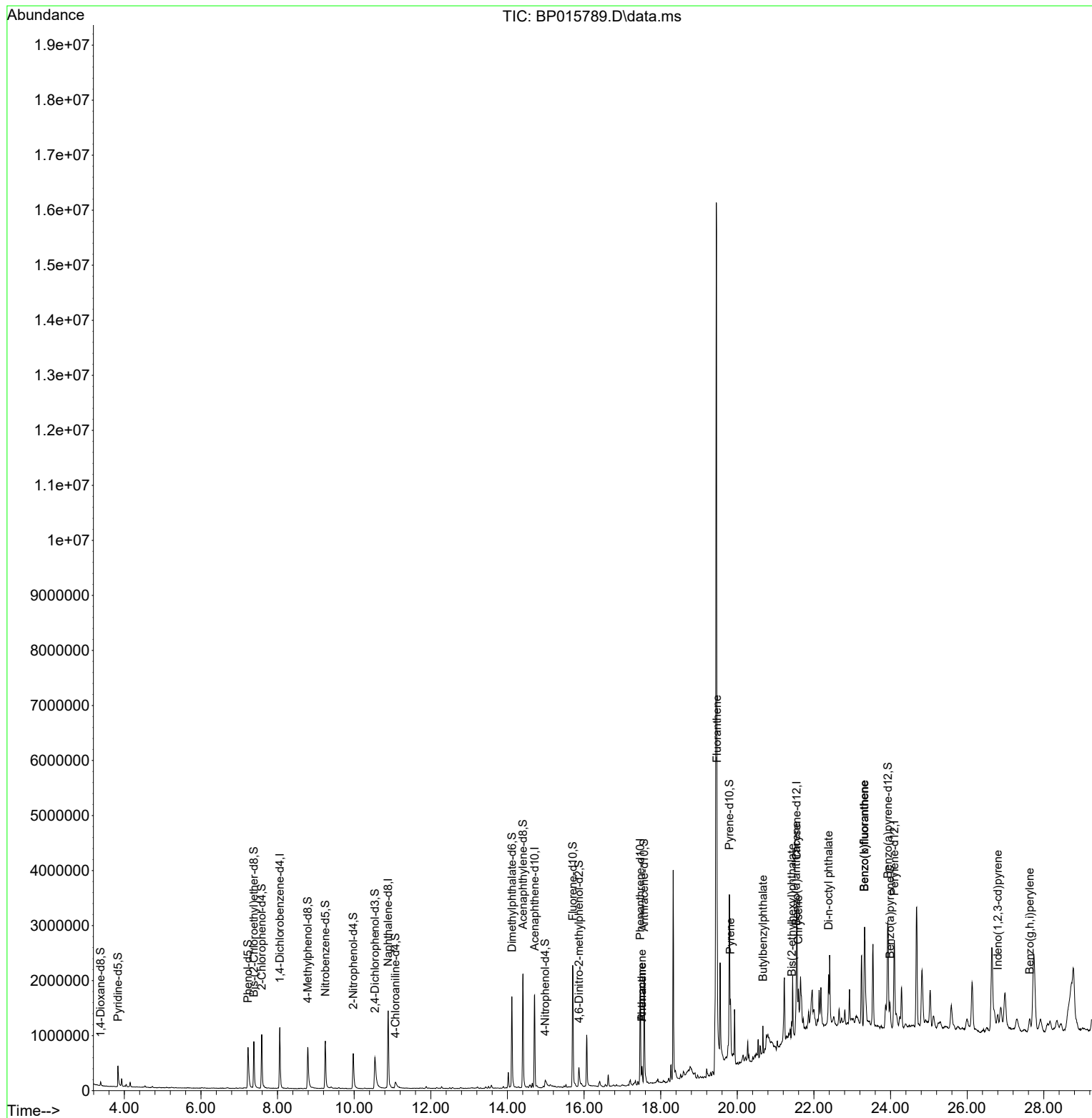
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	317993	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	1236785	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.710	164	586022	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1094558	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	970968	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	1231505	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	33304	3.768	ng/uL	0.00
4) Pyridine-d5	3.834	84	215365	9.666	ng/ul	0.01
7) Phenol-d5	7.228	99	596141	21.911	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	423964	25.187	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	464338	22.608	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	375825	17.485	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	235804	24.948	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	248466	22.523	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	382104	19.437	ng/ul	0.02
31) 4-Chloroaniline-d4	11.081	131	125646	4.976	ng/ul	0.05
46) Dimethylphthalate-d6	14.116	166	1175006	25.941	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	1352293	26.558	ng/ul	0.00
54) 4-Nitrophenol-d4	14.987	143	71514	11.964	ng/ul	0.04
60) Fluorene-d10	15.704	176	919415	24.652	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	99037	14.713	ng/ul	0.01
73) Anthracene-d10	17.569	188	1221596	24.433	ng/ul	0.00
81) Pyrene-d10	19.792	212	1387070	21.877	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	1565464	25.200	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.510	178	182209	3.064	ng/ul	98
74) Anthracene	17.510	178	182854	3.060	ng/ul	100
80) Fluoranthene	19.469	202	542204	6.881	ng/ul#	83
82) Pyrene	19.822	202	471004	5.860	ng/ul#	89
83) Butylbenzylphthalate	20.669	149	145806	4.446	ng/ul	96
85) Benzo(a)anthracene	21.539	228	281785	4.126	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.422	149	83854	1.861	ng/ul	98
87) Chrysene	21.592	228	362005	5.586	ng/ul	97
89) Di-n-octyl phthalate	22.380	149	601024	6.678	ng/ul	100
90) Benzo(b)fluoranthene	23.316	252	625956	7.911	ng/ul#	91
91) Benzo(k)fluoranthene	23.316	252	625956	7.829	ng/ul#	90
93) Benzo(a)pyrene	23.986	252	374022	5.409	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.798	276	325063	3.463	ng/ul	95
96) Benzo(g,h,i)perylene	27.633	276	300813	3.896	ng/ul#	93

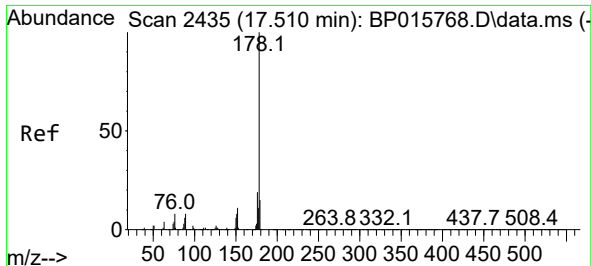
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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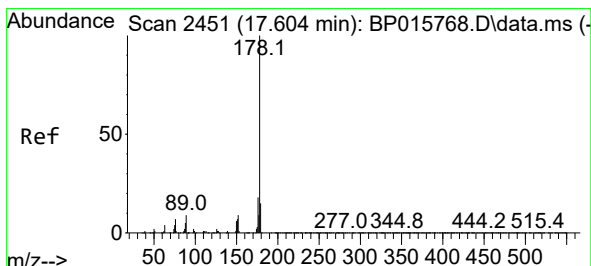
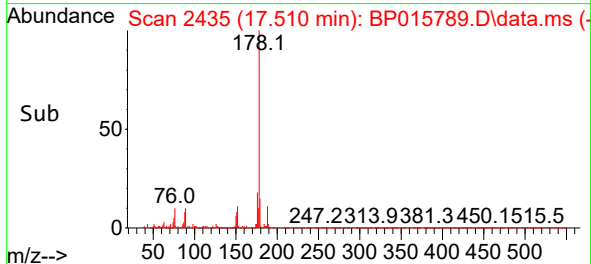
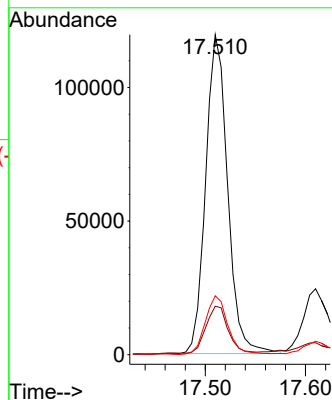
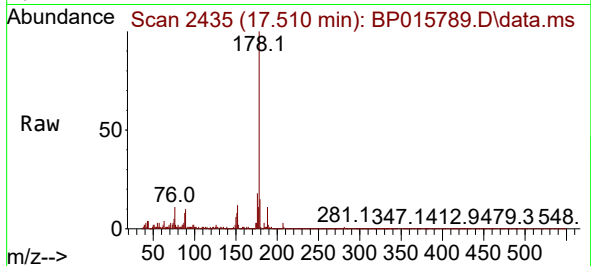




#72
Phenanthrene
Concen: 3.064 ng/ul
RT: 17.510 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BP015789.D
Acq: 28 Jun 2023 21:12

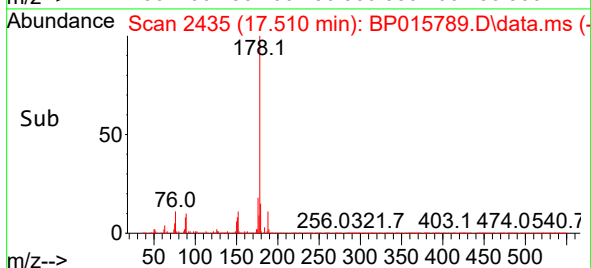
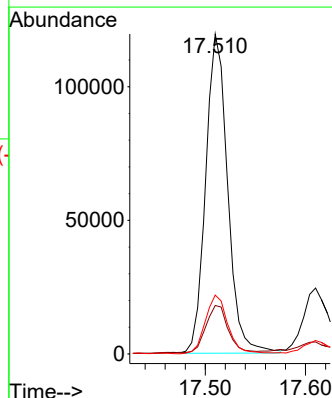
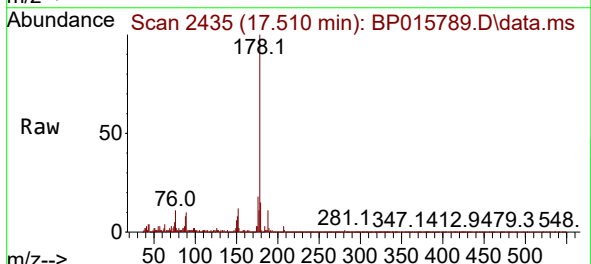
Instrument :
BNA_P
ClientSampleId :
DCFS9

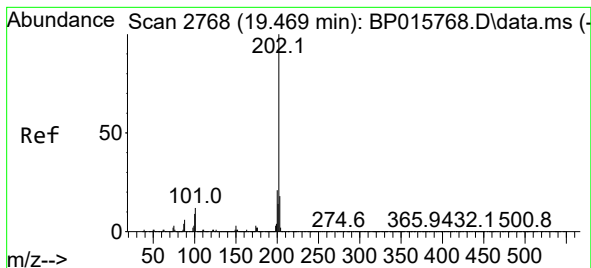
Tgt Ion:178 Resp: 182209
Ion Ratio Lower Upper
178 100
179 15.2 12.4 18.6
176 18.4 15.6 23.4



#74
Anthracene
Concen: 3.060 ng/ul
RT: 17.510 min Scan# 2435
Delta R.T. -0.094 min
Lab File: BP015789.D
Acq: 28 Jun 2023 21:12

Tgt Ion:178 Resp: 182854
Ion Ratio Lower Upper
178 100
179 15.2 12.1 18.1
176 18.4 14.6 22.0





#80

Fluoranthene

Concen: 6.881 ng/ul

RT: 19.469 min Scan# 2768

Delta R.T. -0.006 min

Lab File: BP015789.D

Acq: 28 Jun 2023 21:12

Instrument :

BNA_P

ClientSampleId :

DCFS9

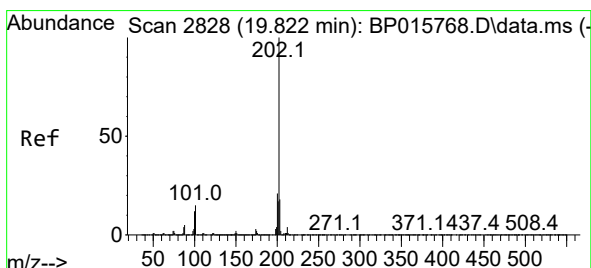
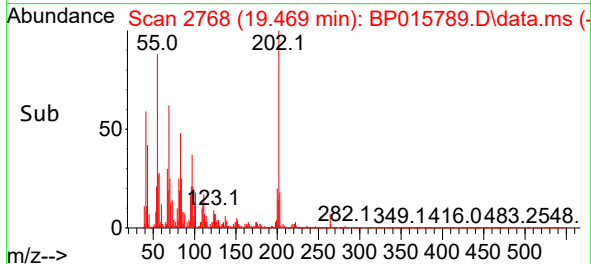
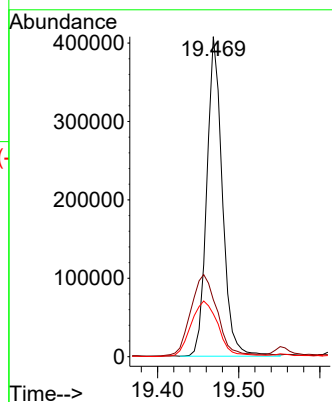
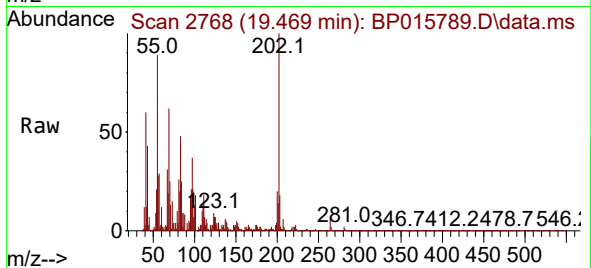
Tgt Ion:202 Resp: 542204

Ion Ratio Lower Upper

202 100

101 17.8 8.3 12.5#

100 13.3 6.6 9.8#



#82

Pyrene

Concen: 5.860 ng/ul

RT: 19.822 min Scan# 2828

Delta R.T. -0.006 min

Lab File: BP015789.D

Acq: 28 Jun 2023 21:12

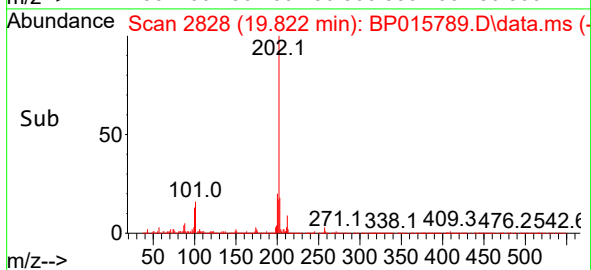
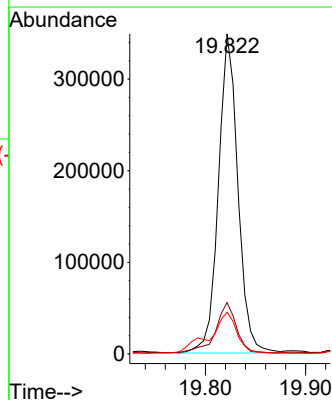
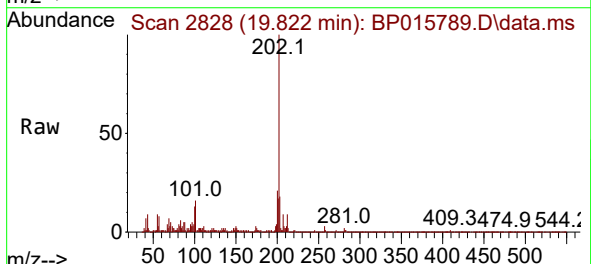
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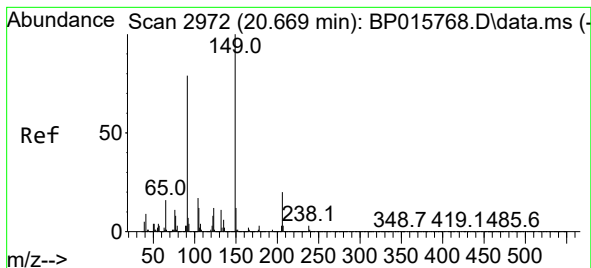
Ion Ratio Lower Upper

202 100

101 16.1 9.3 13.9#

100 13.0 7.6 11.4#





#83

Butylbenzylphthalate

Concen: 4.446 ng/ul

RT: 20.669 min Scan# 2972

Delta R.T. -0.006 min

Lab File: BP015789.D

Acq: 28 Jun 2023 21:12

Instrument :

BNA_P

ClientSampleId :

DCFS9

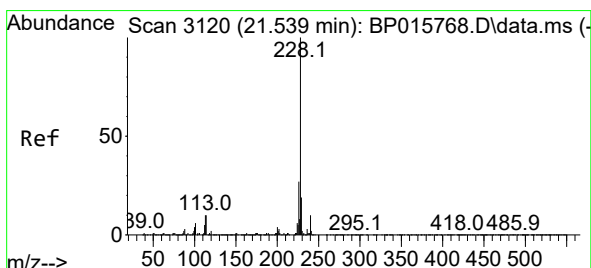
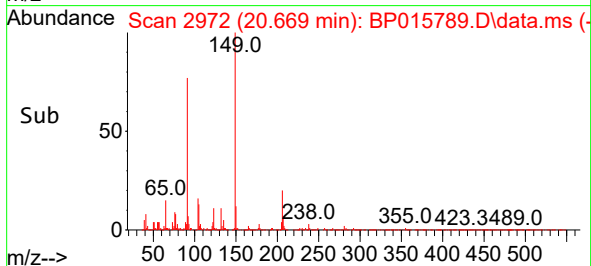
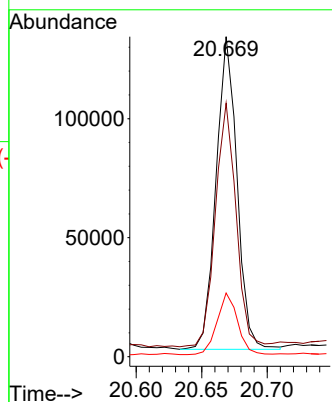
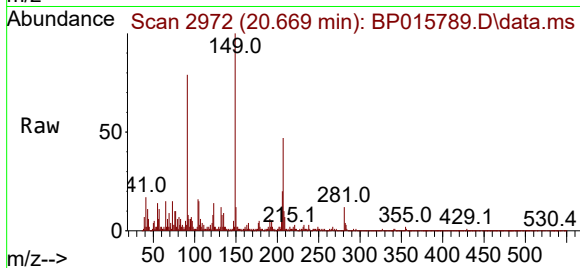
Tgt Ion:149 Resp: 145806

Ion Ratio Lower Upper

149 100

91 79.2 59.8 89.6

206 19.9 16.4 24.6



#85

Benzo(a)anthracene

Concen: 4.126 ng/ul

RT: 21.539 min Scan# 3120

Delta R.T. -0.000 min

Lab File: BP015789.D

Acq: 28 Jun 2023 21:12

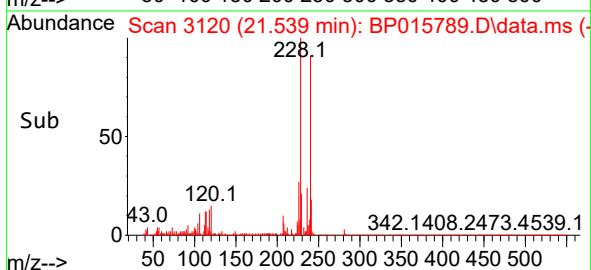
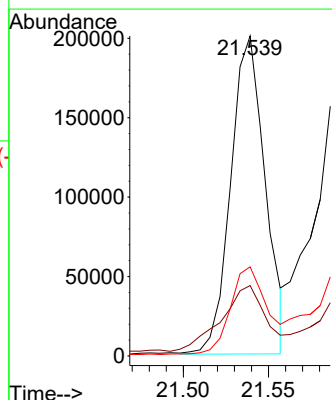
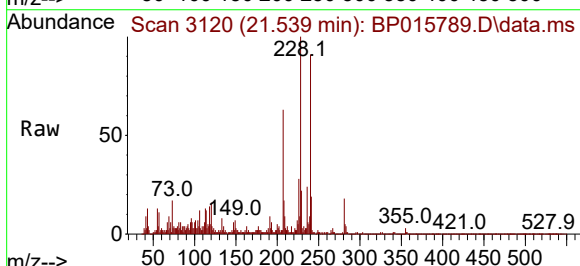
Tgt Ion:228 Resp: 281785

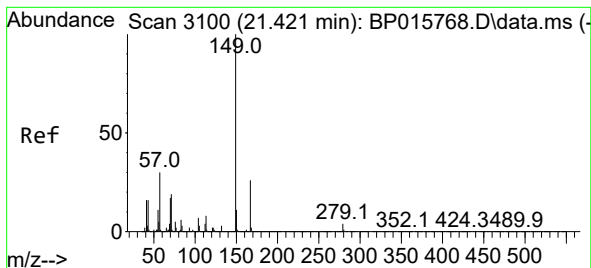
Ion Ratio Lower Upper

228 100

229 22.0 15.3 22.9

226 27.8 21.4 32.0

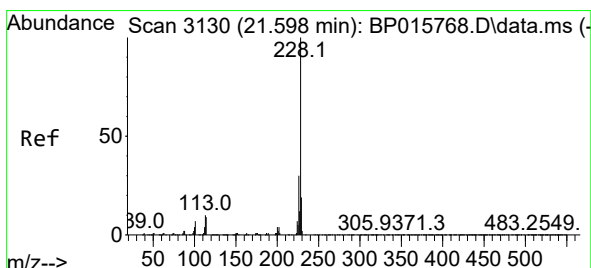
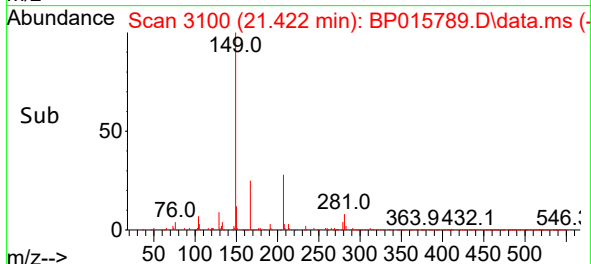
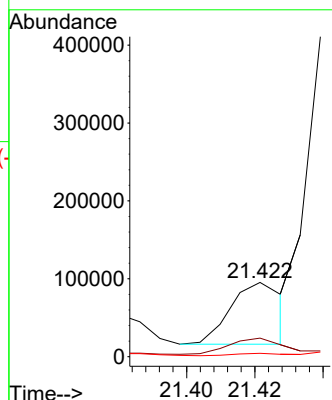
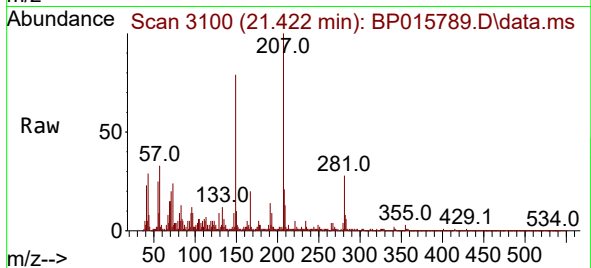




#86
Bis(2-ethylhexyl)phthalate
Concen: 1.861 ng/ul
RT: 21.422 min Scan# 3100
Delta R.T. -0.000 min
Lab File: BP015789.D
Acq: 28 Jun 2023 21:12

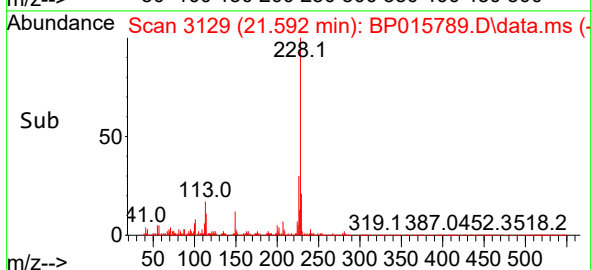
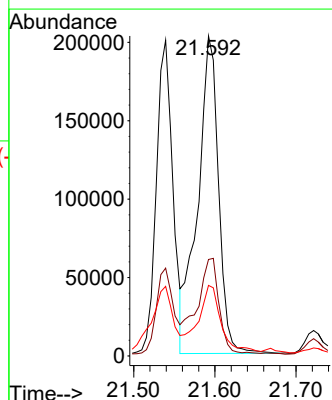
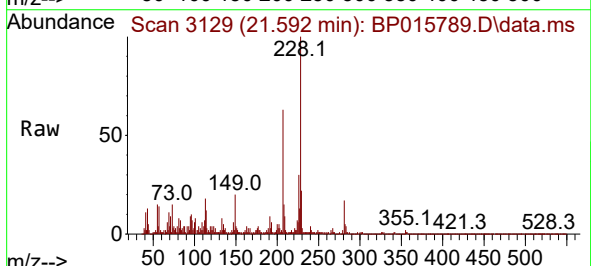
Instrument :
BNA_P
ClientSampleId :
DCFS9

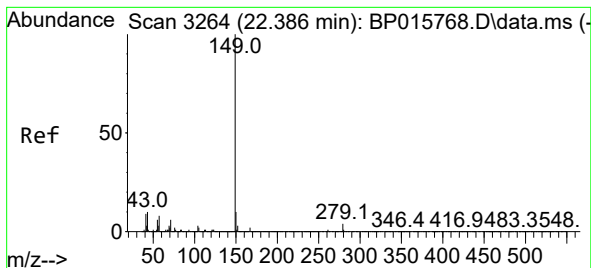
Tgt Ion:149 Resp: 83854
Ion Ratio Lower Upper
149 100
167 25.1 21.0 31.6
279 4.4 3.8 5.6



#87
Chrysene
Concen: 5.586 ng/ul
RT: 21.592 min Scan# 3129
Delta R.T. -0.006 min
Lab File: BP015789.D
Acq: 28 Jun 2023 21:12

Tgt Ion:228 Resp: 362005
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 22.1 15.5 23.3





#89

Di-n-octyl phthalate

Concen: 6.678 ng/ul

RT: 22.380 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP015789.D

Acq: 28 Jun 2023 21:12

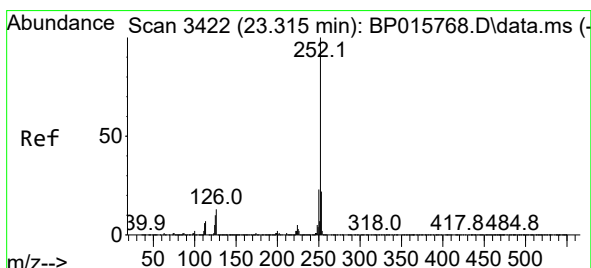
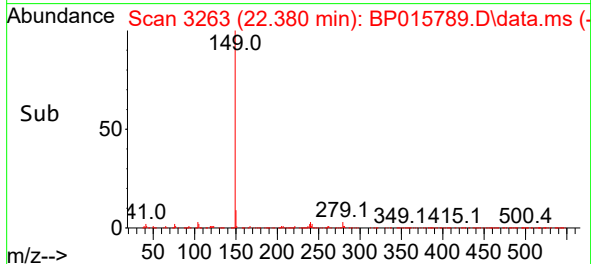
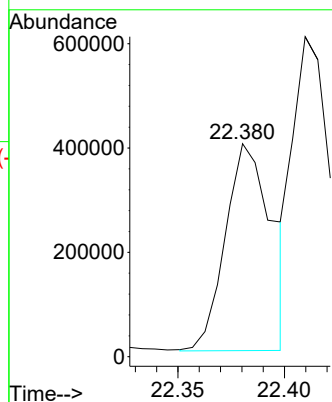
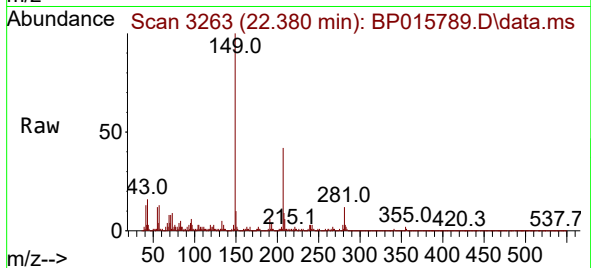
Instrument :

BNA_P

ClientSampleId :

DCFS9

Tgt Ion:149 Resp: 601024



#90

Benzo(b)fluoranthene

Concen: 7.911 ng/ul

RT: 23.316 min Scan# 3422

Delta R.T. -0.000 min

Lab File: BP015789.D

Acq: 28 Jun 2023 21:12

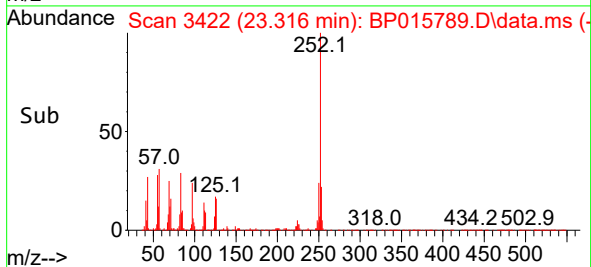
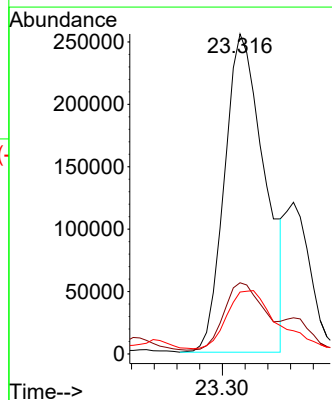
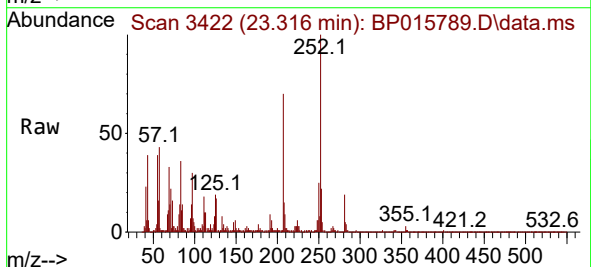
Tgt Ion:252 Resp: 625956

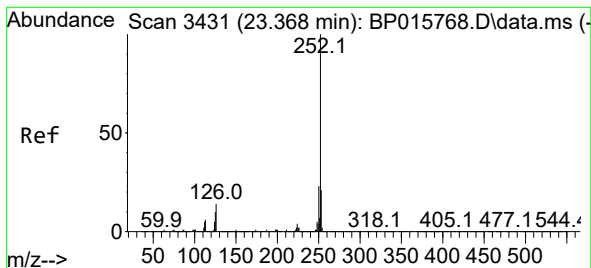
Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

125 19.4 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 7.829 ng/ul

RT: 23.316 min Scan# 34

Delta R.T. -0.053 min

Lab File: BP015789.D

Acq: 28 Jun 2023 21:12

Instrument :

BNA_P

ClientSampleId :

DCFS9

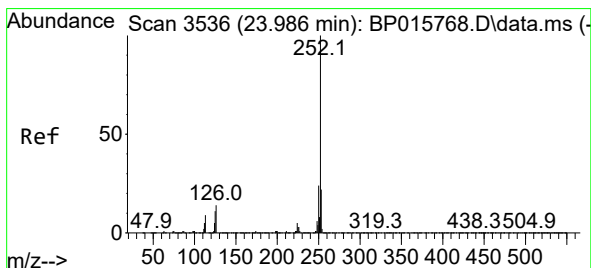
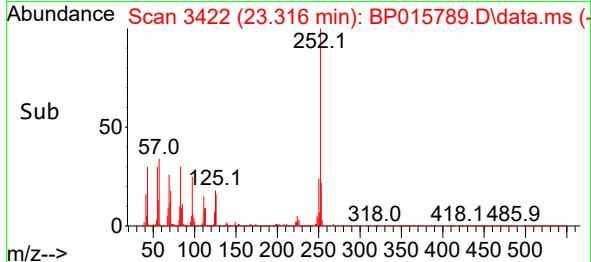
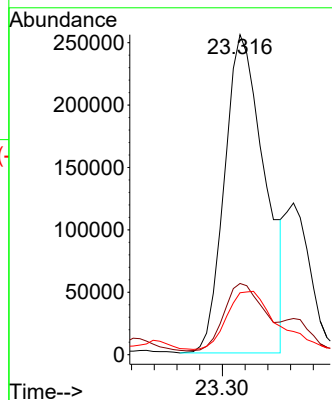
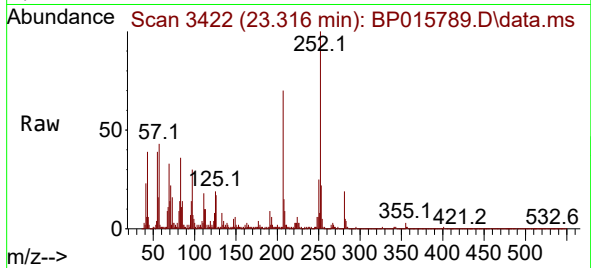
Tgt Ion:252 Resp: 625956

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.4

125 19.4 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 5.409 ng/ul

RT: 23.986 min Scan# 3536

Delta R.T. -0.000 min

Lab File: BP015789.D

Acq: 28 Jun 2023 21:12

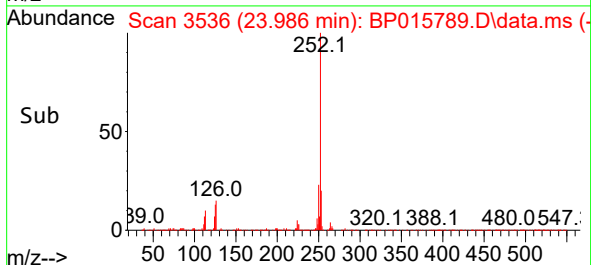
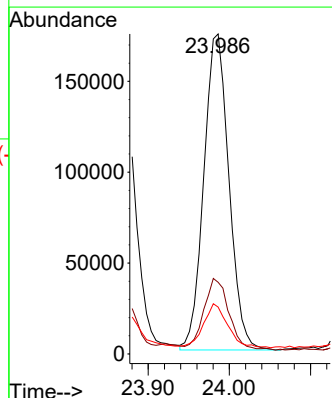
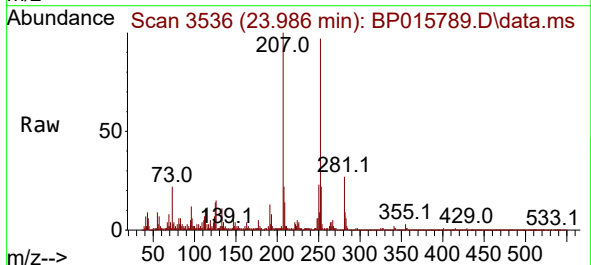
Tgt Ion:252 Resp: 374022

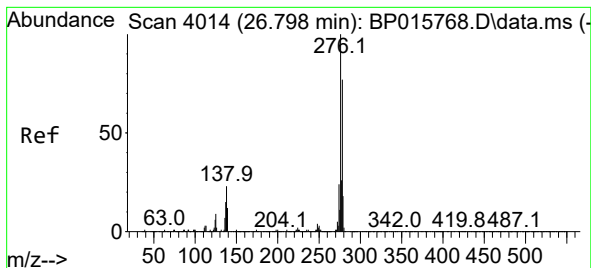
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 14.7 8.2 12.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.463 ng/ul

RT: 26.798 min Scan# 4014

Delta R.T. -0.000 min

Lab File: BP015789.D

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DCFS9

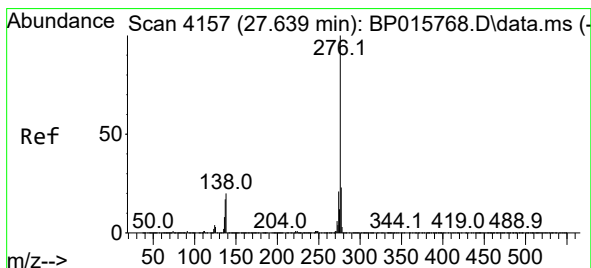
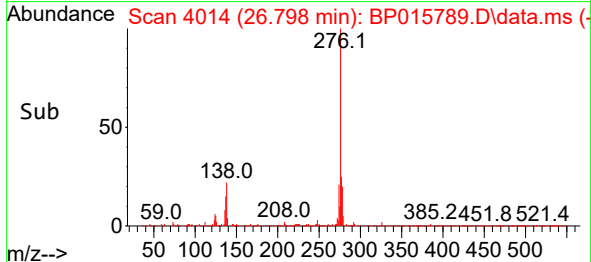
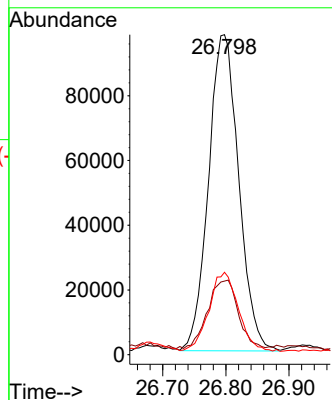
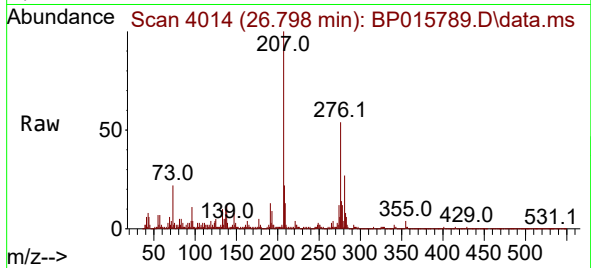
Tgt Ion:276 Resp: 325063

Ion Ratio Lower Upper

276 100

138 23.0 15.7 23.5

277 25.8 19.6 29.4



#96

Benzo(g,h,i)perylene

Concen: 3.896 ng/ul

RT: 27.633 min Scan# 4156

Delta R.T. -0.000 min

Lab File: BP015789.D

Acq: 28 Jun 2023 21:12

Tgt Ion:276 Resp: 300813

Ion Ratio Lower Upper

276 100

138 25.0 15.1 22.7#

277 24.0 18.8 28.2

